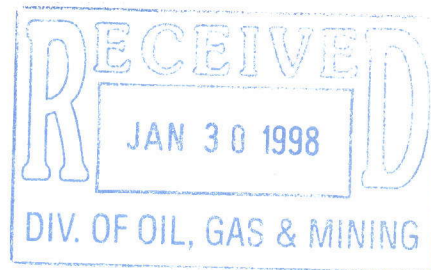


STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291  
Fax: (801) 359-3940



ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

1. Report Time Period: From (mo./yr.) Aug '97 To (mo./yr.) JAN '98
2. DOGM File Number (Mine No): 36134173 + 474 5/023/054
3. Mine Name: CRYSTAL MINE / mill site
4. Mineral(s) Mined (or permitted to mine): clinoptilolite (natural zeolite)
5. Type of mine ☒ Surface Mine or ☐ Underground Mine
6. Legal Description (Location of Lands Affected):  
\_\_\_\_ 1/4, \_\_\_\_ 1/4, \_\_\_\_ 1/4, Section 23, Township 12N, Range 10W  
\_\_\_\_ 1/4, \_\_\_\_ 1/4, \_\_\_\_ 1/4, Section 4, Township 8N, Range 5W  
\_\_\_\_ 1/4, \_\_\_\_ 1/4, \_\_\_\_ 1/4, Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_
7. Name of Operator or Company: KIRK FREEMAN
8. Permanent Street Address: 830 E. 8080 S  
City, State, Zip: SANDY, UT 84094  
Phone: (801) 255-4318
9. Company Representative (or designated operator):  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Business Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
☐ Please check if any of the above information has changed since previous year.

II. Mining and Reclamation

1. Was the mine active during the past year? Yes ☒ No ☐
2. If active, how much ore or mineral was mined? ~ 100 tons (not removed from site)
3. If inactive, what year was the mine last active? \_\_\_\_\_

3. How much **additional acreage** was disturbed during the past year? NONE
4. Briefly describe any new or additional surface disturbances that occurred during the past year. This description should include the type of work performed, and volume of material moved.  
no work done at mill site - no  
ore removed from mine site
5. How much acreage was **reclaimed** during the past year? NONE
6. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.
7. What is the **total disturbed acreage** at years end? < 1 acre
8. Briefly summarize any mining and/or reclamation plans for the upcoming year.  
expanded extraction at face of quarry -  
we plan to amend permit to allow blasting -  
we hope to remove about 350 tons to mill site

**NOTE:** Section III., "Additional Information" applies only to large mining operations.

**III. Additional Information**

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted.
2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached.

**IV. Signature Requirement**

**I hereby certify that the foregoing is true and correct.**

Name (Typed or Print):

J Kirk Freeman

Title of Operator:

Signature of Operator:

J Kirk Freeman

Date:

1-30-98